



Diminishing Manufacturing Sources and Material Shortages (DMSMS) Program Capability Levels—How to Improve Your Effectiveness

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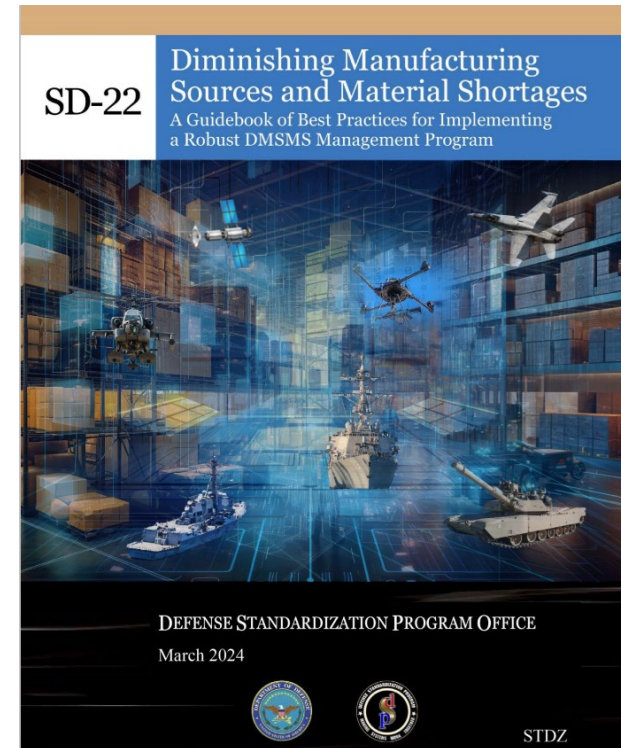
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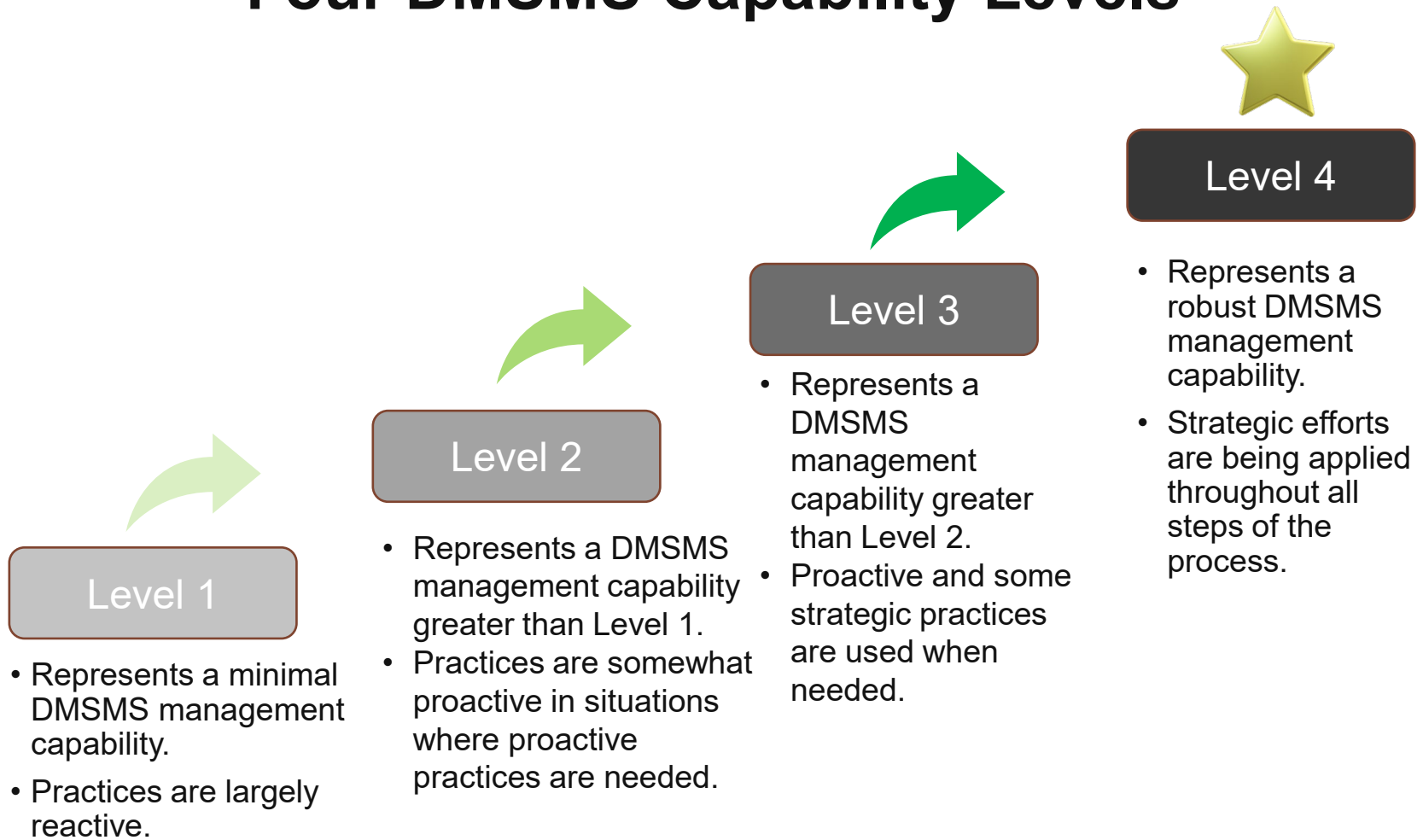
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DMSMS Capability Levels—What's Changed?

- DMSMS Capability Levels
 - A framework of four levels indicating progressively more proactive and strategic approaches to DMSMS management.
- The SD-22 was recently updated to
 - Expand the use of the program capability levels found in Appendix D.
 - Better integrate the capability levels into the DMSMS management plan (DMP) description, which now includes a section on achieving desired capability levels.



Four DMSMS Capability Levels



Program capability levels can be a powerful tool for improving DMSMS management effectiveness.

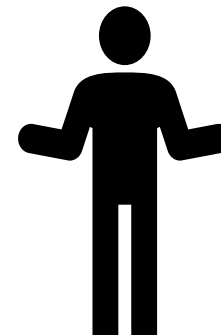
SD-22 Appendix D

- SD-22, Table 26, identifies the program capability levels for each DMSMS management step (Prepare, Identify, Assess, Analyze, and Implement) and management operational processes.
- A program office should use the table as the basis for determining the current state of its DMSMS management practices.
- The current state can be determined by examining each row of the table and identifying what is being done.
- The table supports planning, documented in the DMP, on how a program will reach the desired capability level.

Capability Levels Apply to Every Process Under Every Step

Factors to Consider for Determining Target Capability Level

- A lower capability level could be sufficient near the end of a system's life cycle.
- A higher capability level might be needed for more complex systems.
- A higher capability level cannot be achieved without significant DMSMS management subject matter expertise and DMSMS management training for the entire DMSMS Management Team.
- Not every DMSMS management process must be at the same capability level.
- A program office cannot immediately move from a low capability level to a high capability level; the transition should be gradual.
- You may have resource constraints.



Why Care About Capability Levels?

Program capability levels help program offices improve DMSMS management effectiveness .

Every program office faces DMSMS risk, which is measured in terms of likelihood over time and severity.

Current capability levels represent what the program office is doing to address those risks.

This risk is almost always too high without proactive DMSMS management.

Program offices must determine what needs to be done to lower the risk.

